BRUHATH BANGALORE MAHANAGARA PALIKE

Work SLIP P.W.G.71

Name of work: : Comparative statement work slip Qty. of Modified Estimate For Improvements and Asphalting to Main & crossRoads at Ayimatha temple road , in Ward no. 13, in Shettyhalli Sub-Division.

Work order No - EE/DD/WO/98/16-17, Date:23.12.2016 ***Work Code/Job Code*** 013-16-000036

Name of Agency - Sri. G Ashwathappa ***Estimated cost***-. Rs. 25.00 Lakhs

Sl. no	Description of work	Unit	As per sanction estimate			As per sanction and tender Quoted rates			Net qty. executed (revege	Up to 125% Quantity			Above 125% Quantity new SR 2015-16			Amount	Savings	Excess
			Qty.	Rate	Amount	Qty	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate	Amount			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	KSRRB 300-1: Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift	Cum	**145.80**	83.16	**12,124.73**	**145.80**	250.00	**36450.00**	**243.90**	182.25	250.00	45562.50	61.65	250.00	**15412.50**			
2	KSRB 4-1.2: Providing and laying in position plain cement concrete of nominal mix M 10 with OPC cement @ 220kgs, with 40mm and down size graded granite	Cum	**24.30**	5,139.94	**124,900.54**	24.30	5000.00	**121500.00**	**36.59**	30.37	5000.00	151850.00	6.22	5000.00	**31075.00**			
3	KSRB 4.2.2 :Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite	Cum	**67.50**	6,083.34	**410,625.45**	**67.50**	4500.00	**303750.00**	**97.56**	84.37	4500.00	379665.00	13.19	4500.00	**59355.00**			
4	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or	Qtl	**40.50**	6,851.31	**277,478.06**	**40.50**	7200.00	**291600.00**	**53.66**	50.60	7200.00	364320.00	3.06	7200.00	**22017.60**			
5	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walss at any thickness including	Sqm	**288.00**	301.04	**86,699.52**	**288.00**	400.00	**115200.00**	**776.00**	360.00	400.00	144000.00	416.00	400.00	**166400.00**			

6	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using	Sqm	118.80	1,600.00	190,080.00	118.80	1600.00	190080.00	240.30	148.50	1600.00	237600.00	91.80	1600.00	146880.00		
7	Earthwork excavation and forming in embankment by manual means in ordinary soil (When earth is taken from bank cutting or from borrow pits) including	Cum	378.00	159.84	60,419.52	378.00	200.00	75600.00	75.50	75.50	200.00	15100.00					
8	Providing Granite slabs selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 cms thick Page No. 25/ Item	Sqm	324.00	650.84	210,872.16	324.00	600.00	194400.00	0.00	0.00	0.00	0.00					
9	construction of granular sub base of grading II material by providing close graded material,mixing in a mechanic mix plant at OMC, carriage of mixed material to	Cum	78.75	1,622.16	127,745.10	78.75	900.00	70875.00	0.00	0.00	900.00	0.00					
10	KSRRB 300-58. compaction of original ground with maximum of 6 passes of 8to10 tonnes power roller including filling in depression occuring during rolling including cost of all labour	Sqm	525.00	4.64	2,436.00	525.00	6.00	3150.00	302.00	302.00	6.00	1812.00					
11	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant	Cum	130.50	1,713.96	223,671.78	130.50	1400.00	182700.00	60.40	60.40	1400.00	84560.00					
12	Providing and applying primer coat with S.S. Bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per	Sqm	540.00	32.40	17,496.00	540.00	32.00	17280.00	302.00	302.00	32.00	9664.00					

13	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous tratement including cost of all materials, labour, HOM of machineries complete as per specificationsEngineer-	Sqm	**800.00**	3.24	2,592.00	**800.00**	5.00	**4000.00**	**1533.00**	1533.00	5.00	**7665.00**						
14	Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (exlcuding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications Engineer-	Sqm	**1346.00**	15.12	20,351.52	**1346.00**	40.00	**53840.00**	**1533.00**	1533.00	40.00	**61320.00**						
15	Providing and laying bituminous concrete 30 - 40mm thickness Hot Mix Plant Usig using crushed aggregates of specified grading, premixed with bituminous binder at mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled vibratory and ttandem rollers to	Cum	**53.84**	9,880.92	**531,988.73**	**53.84**	6000.00	**323040.00**	**61.52**	61.52	6000.00	**369120.00**						
16	KSRRB 400-2.4 Carriage of mixed materials 10 Kms, For items of Sl.no 4. Rs. 5.20 per cum/km Page no 155/ PWD SR 2015-16	Cum	**184.34**	78.57	**14,483.59**	**184.34**	100.00	**18434.00**	**53.66**	53.66	100.00	**5365.80**						

17	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 68.00 (P.133 I.18.57/1) 2015-16	Cum	303.30	78.97	23,951.60	303.30	170.00	51561.00	243.90	243.90	170.00	41463.00						
	Total Rs.				**2337916.30**			**2053460.00**				**1919067.30**			**441140.10**			
								a								b	d	c

The difference between

Schedule "B" Quoted	-	**(Upto 125% + above 125% Qty.)**		**Total**
Rs. 2053460.00	-	1919067.30	441140.10	**2360207.40**

The difference between

Excess	-	**Savings**	
Rs. 306747.40	-	0.00	=

Asst.Engineer
Shettyhalli sub-division
Ward No-13

Asst. Exe. Engineer
Shettyhalli sub-Division
BBMP, Bangalore

Executive Engineer
Dasarahalli Division
BBMP, Bangalore

"APPROVED"

Chief Engineer
Dasarahalli Zone
BBMP, Bangalore

Note: **Work Slip of Amounting to Rs.2360209.00 Which is 14.94% above the tender amount and 5.59% below the estimated cost.**